Mushroom/Toadstool-shaped: No Gills

Underside of cap with downward-oriented spines or "teeth";

Leathery cap 2 to 6 inches across, light to dark brown, depressed in center and scaly: Grows on ground

Scaly Tooth—Sarcodon imbricatus

dry scaly cap and teeth = Sarcodon dry cap and pores =

Boletus/Boletellus/Stobilomyces slimy cap and pores = Suillus



George Barron, University of Guelph, Canada

Cap dry and with large, dense, dark, soft warts, 2.5 to 5 inches across:

Flesh white, changing to red and then blackish when cut; Pores start white, becoming blackish:

Stalk 2.5-4 inches long, covered to some extent with same warts as cap.

Old Man of the Woods—Strobilomyces sp.



Brian Shelton, University of Guelph, Canada

Cap 3-6 inches across, surface dry, gray, rather thick; Flesh gray-white or dull yellow, becoming

pinkish when cut after a while; Pores white to gray, bruise brown;

Stalk 2-4.5 inches long, whitish to yellowish, with darker netting, base often crooked



George Barron, University of Guelph, Canada

Gray Bolete—Boletus griseus

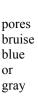
Cap 2-6 inches across, surface dry, **purplish** to dark red at first, becoming yellowish-mottled;

Flesh yellow, often becoming more golden when cut:

Pores yellow to brownish, bruise blue; Stalk 2.5-4 inches long, also bruises blue.

Red-and-Yellow Bolete—

Boletus bicolor





Cap 1-2 inches across, surface dry, brownish yellow, with erect fiber-clusters; Flesh yellow, unchanged when cut; Pores cream-colored, turning to greenishyellow, does not bruise; Stalk 3-4 inches long, tapering towards cap and curving at base, netted by fleshpores colored or red ridges bruise Russell's Bolete—Boletellus russellii same color eorge Barron, U. of Guelph, Canada Cap 1-2.5 inches across, surface dry, as flesh leathery, becoming cracked yellowish to olive; Flesh white, becoming yellow when cut; Pore surface does not bruise; Stalk 1-2 inches, same color as cap, with dark flecks; Parasitic on puffballs Parasitic Bolete—Boletus parasiticus George Barron, University of Guelph, Canada Cap 1-4.5 inches across, slightly slimy or dry, red with pattern of vellowish cracks: Flesh creamy-yellow, slowly becoming reddish when cut: Pores yellow, aging to brown, does not bruise; Stalk 1.5-3 inches long, colored like the cap. Painted Bolete—Suillus pictus P. Super, NPS Cap 1.5-4 inches across, slimy, surface chrome yellow, tinged or spotted reddish; Flesh yellowish, turning pinkish-brown then yellow when cut; Smells slightly sour; Stalk 1-2 inches long, yellow with reddish-brown glandular dots. Slippery Jack or Chicken Fat Mushroom Suillus americanus George Barron, University of Guelph, Canada Cap 1.5-4 inches across, slimy, brownish to reddish-chestnut with dark stains; Flesh white, does not change color when cut; does not bruise; Stalk short, 0.5-1.5 inches, whitish or yellow and tapering downward. Short-stalked Bolete—Suillus brevipes George Barron, University of Guelph, Canada Cap 1-3 inches across, slimy, orange to yellow, with dense tufts of fibers: Flesh pale yellow, unchanged if cut, but can stain paper greenish-yellow; Pores pale yellow to brownish, does not bruise; Stalk 1.5 to 2.5 inches long, yellowish,

R. Vilgalys, Duke University

speckled with reddish dots

Hairy Bolete—Suillus hirtellus